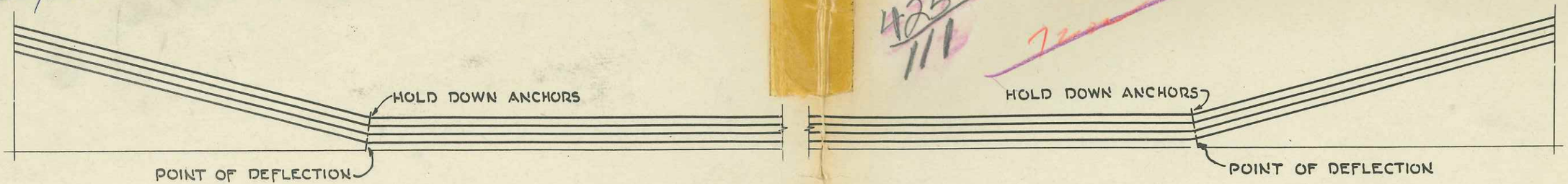
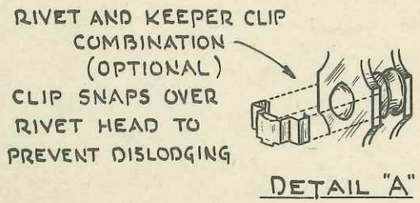
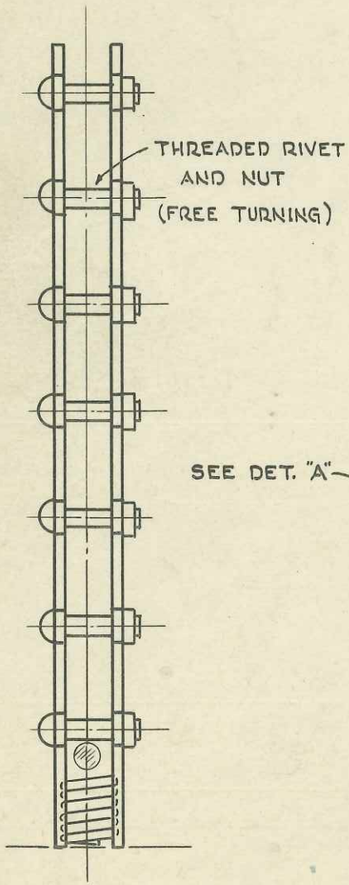
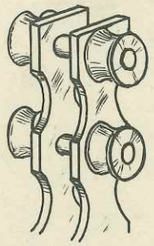


SCHEMATIC DIAGRAM OF DEFLECTED STRANDS

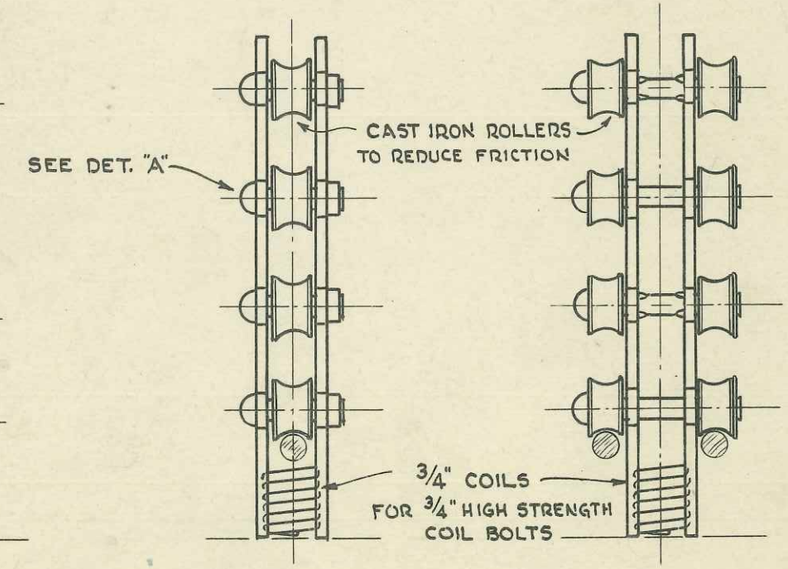


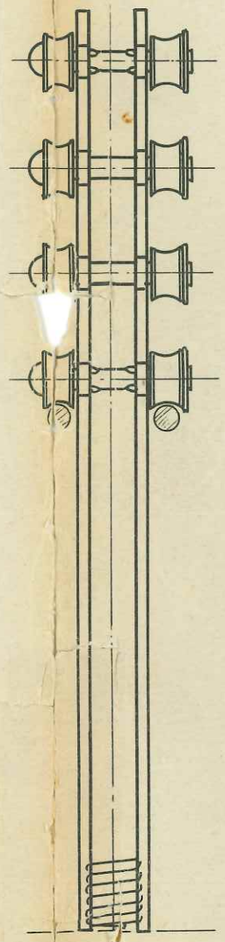
DETAIL "A"

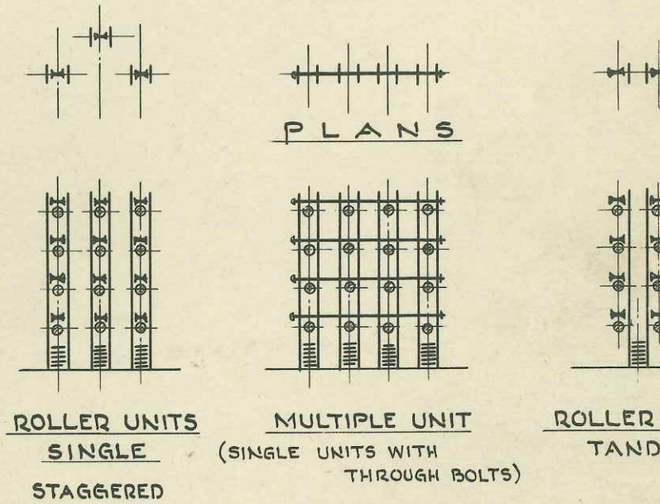




PART ISOMETRIC VIEW
ROLLER UNIT-TANDEM







PLANS

ROLLER UNITS SINGLE STAGGERED

MULTIPLE UNIT (SINGLE UNITS WITH THROUGH BOLTS)

ROLLER UNIT TANDEM

TYPICAL INSTALLATIONS

RIVET UNIT
FOR 1 TO 7 STRANDS

ROLLER UNIT
SINGLE
FOR 1 TO 7 STRANDS

ROLLER UNIT
TANDEM
FOR 2 TO 8 STRANDS

EXTENDED ROLLER UNIT
TANDEM
FOR 2 TO 8 STRANDS

DESIGN DATA

SAFE VERTICAL COMPONENT PER STRAND - ROLLER : 3 000 LBS
- RIVET : 2 000 LBS.

TOTAL SAFE VERTICAL LOAD PER UNIT 16 000 LBS.

NOTE : UNITS WILL FAIL AT A TOTAL VERTICAL LOAD OF APPROXIMATELY 27 000 LBS.

PATENT PENDING

HOLD DOWN ANCHORS
FOR
PRETENSIONED-PRESTRESSED CONCRETE

SUPERIOR CONCRETE ACCESSORIES, INC.
FRANKLIN PARK, ILL. NEW YORK, N.Y. SAN LEANDRO, CALIF.

DEC. 2-1957

U. S. PATENT OFFICE
APR - 3 1959
DIVISION 15

15